Special Issue

Innovative and Sustainable Planning, Control and Optimization Methods for Urban Transportation System

Message from the Guest Editors

Urban residents hope to improve the efficiency of the transportation system in order to reduce travel time. Conversely, transportation systems inevitably produce carbon emissions and affect the social environment. In recent years, the ownership of electric vehicles and connected autonomous vehicles has continued to increase, which can not only significantly reduce the carbon emissions of vehicles, but also make urban transportation smarter. As such, scholars must propose more innovative methods for urban transportation systems in order to improve the efficiency and sustainability simultaneously. In this Special Issue, we invite researchers to submit research and reviews related to urban transportation systems. Potential topics include, but are not limited to, the following: Electrified transportation system Sustainable transit system Multimode transportation system Adaptive traffic signal control Data mining and big data in transportation system Urban transportation infrastructure planning Innovative methods for traffic safety and operations Environmental impacts of transportation system Ecofriendly mobility for urban vehicles

Guest Editors

Prof. Dr. Yiming Bie

Dr. Hu Zhang

Dr. Shidong Liang

Deadline for manuscript submissions

closed (2 July 2025)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/194253

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

